

Patent Claims

1. Skull pot for the melting or the refining of glass or glass ceramics,
 - 1.1 with a pot wall (1),
 - 1.2 with a pot base,
 - 1.3 with an induction coil (3), which surrounds the pot wall (1) and through which high-energy frequency can be coupled into the content of the pot,
 - 1.4 the pot wall (1) is made up of a ring of metal pipes (1.1), which are connected to a cooling medium, with slit-like gaps between neighboring metal pipes (1.1),
 - 1.5 the base has a runoff for the melt,
 - 1.6 the metal pipes (1.1) are short-circuited with each other.
2. Skull pot according to Claim 1, characterized by having the short-circuit designed for the area of the upper ends of the metal pipes (1.1).
3. Skull pot according to Claim 1, characterized by having the short-circuit designed for the area of the base.
4. Skull pot according to Claim 1, characterized by having the short-circuit designed for the area of the upper ends of the metal pipes and for the area of the base.
5. Skull pot according to Claim 4, characterized by a design where the height of the short-circuit can be adjusted, particularly in the presence of two short-circuits.

6. Apparatus according to one of Claims 1 to 3, characterized by having the short-circuit use a metal pipe (1.1), which can be connected to a cooling medium.